



JULY 2000



## Aeronautical Survey Program

The National Geodetic Survey (NGS) Aeronautical Survey Program (ASP) provides position, height, and orientation information needed for safe air navigation. NGS, formerly part of the U.S. Coast and Geodetic Survey, has been performing aeronautical surveys since the 1920's. These surveys provide critical information about airport features and about obstructions and aids to navigation. The Federal Aviation Administration uses ASP information to establish airport approach and departure procedures, determine maximum takeoff weights, update aeronautical publications, and for airport planning and construction studies. ASP also supports engineering projects, such as constructing runways and taxiways, establishing aids to navigation, and removing obstructions.

ASP produces a 1:12,000-scale chart showing:  
obstructions to air navigation,  
aircraft movement and apron areas,  
prominent airport buildings, navigational aids, and  
roads and other features in the airport vicinity.

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U.S. DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
National Ocean Service  
National Geodetic Survey

**T**he National Geodetic Survey (NGS) defines and manages the National Spatial Reference System, which determines position, height, distance, direction, gravity, and shoreline throughout the United States. Since 1807 NGS and its predecessor agencies have led the world in precise positioning and developed emerging technologies for the public. NGS provides its expertise and a wealth of free information, including direct access to its data base, on the World Wide Web at: [www.ngs.noaa.gov](http://www.ngs.noaa.gov)

Positioning America



for the Future

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